مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Security Updates – Mozilla
Tracking #:432318652
Date:24-03-2026

مجلس الأمن السيبراني

CYBER SECURITY COUNCIL

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Mozilla has released security updates to address multiple vulnerabilities in Firefox, Firefox ESR and Thunderbird.

TECHNICAL DETAILS:

Mozilla has released security updates for Firefox, Firefox ESR, and Thunderbird to address multiple vulnerabilities. Exploitation of these issues could lead to remote code execution, sandbox escapes, or other security risks.

High-Severity Vulnerabilities:
- **CVE-2026-4684** – Race condition, use-after-free in Graphics: WebRender component
- **CVE-2026-4685, CVE-2026-4686** – Incorrect boundary conditions in Graphics: Canvas2D component
- **CVE-2026-4687** – Sandbox escape due to incorrect boundary conditions in Telemetry component
- **CVE-2026-4688** – Sandbox escape due to use-after-free in Disability Access APIs component
- **CVE-2026-4689, CVE-2026-4690** – Sandbox escape due to incorrect boundary conditions and integer overflow in XPCOM component
- **CVE-2026-4691** – Use-after-free in CSS Parsing and Computation component
- **CVE-2026-4692** – Sandbox escape in Responsive Design Mode component
- **CVE-2026-4693** – Incorrect boundary conditions in Audio/Video: Playback component
- **CVE-2026-4694** – Incorrect boundary conditions, integer overflow in Graphics component
- **CVE-2026-4695, CVE-2026-4697** – Incorrect boundary conditions in Audio/Video: Web Codecs component
- **CVE-2026-4696, CVE-2026-4699** – Use-after-free and incorrect boundary conditions in Layout: Text and Fonts component
- **CVE-2026-4698** – JIT miscompilation in JavaScript Engine
- **CVE-2026-4720, CVE-2026-4721, CVE-2026-4729** – Memory safety bugs

Fixed Versions:
- Firefox 149
- Firefox ESR 115.34
- Firefox ESR 140.9

RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the latest updates released by Mozilla.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- https://www.mozilla.org/en-US/security/advisories/mfsa2026-20/

TLP: WHITE

- https://www.mozilla.org/en-US/security/advisories/mfsa2026-21/
- https://www.mozilla.org/en-US/security/advisories/mfsa2026-22/